

Work Order ID 51525

August 25, 2009 1:35:12 PM



Page 1

Item ID: D2579

Accept



Setup Start



Revision ID: E

Stop



Item Name: Crossbolt Spacer

Start Date: 8/28/09 Start Qty: 1,000.00



Cust Item ID:

Required Date: 9/18/09 Req'd Qty: 1,000.00



Customer:

Reference:

Approvals: Process Plan:

PL MR

Date: 08-25 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/ Work Center ID | Operation Description |
|--------------------------------|--------------------------|
|--------------------------------|--------------------------|

| Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|----------------|
|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
|----------|--------------|

D2579

Rev E

0.00

DIP 08/09/15

1000

100



Hardinge CNC LATHE SMALL

Hardinge

Memo

Hardinge CNC Lathe Small

Machine as per Folio FA245

0.00

DIP 08/09/15

1000

110



QC2- Inspect parts off machine FAI/FAIB

0.00

DIP 08/09/15

1000

QC

Quality Control

0.00

DIP 08/09/15

1000

120



QC8- Inspect parts - second check

0.00

88 08/09/16

1000

QC

Quality Control

0.00

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 51525

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August 25, 2009 1:35:12 PM

Item ID: D2579

Revision ID: E

Item Name: Crossbolt Spacer

Start Date: 8/28/09 Start Qty: 1,000.00

Accept



Setup Start



Stop



Required Date: 9/18/09 Req'd Qty: 1,000.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
Description

130



Packaging

Packaging

Set Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
StampIdentify as per dwg & Stock Location: L.G.

0.00

1000 ✓ - Aug 28-2009

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

09/09/2009

W 9.9.20

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

Page 1

August 25, 2009 1:35:11 PM

Work Order ID: 51525



Parent Item: D2579RevE



Parent Item Name: Crossbolt Spacer

Start Date: 8/28/09

Required Date: 9/18/09

Comments:

Start Qty: 1,000.00

Required Qty: 1,000.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
| M6061T6T0.500W.058 | | Purchased | No | | | 100 | f | 12.2100 | 377.1579 | | | |

6061-T6 RD Tube .500 x .058W



Warehouse Loc Qty Loc Code

Location

Main Warehouse

| | | |
|--------|-------|--|
| MAT | 12.21 | |
| 110335 | 0.6 | |
| 111757 | 11.61 | |

1112652

377.1579 DD 09/09/15

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

| | | |
|-------------------------------|--------------|-------------|
| DART AEROSPACE LTD | Work Order: | 51525 |
| Description: Crossbolt Spacer | Part Number: | D 2579 |
| Inspection Dwg: | Rev: | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

| | | | | | |
|--------------|----------|-------------|----------|---------------------|-----|
| Measured by: | DJD | Audited by: | 8F | Prototype Approval: | N/A |
| Date: | 09/09/15 | Date: | 09/09/16 | Date: | N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|------|-----------|------------|----------|
| A | | New Issue | KJ/JLM | |

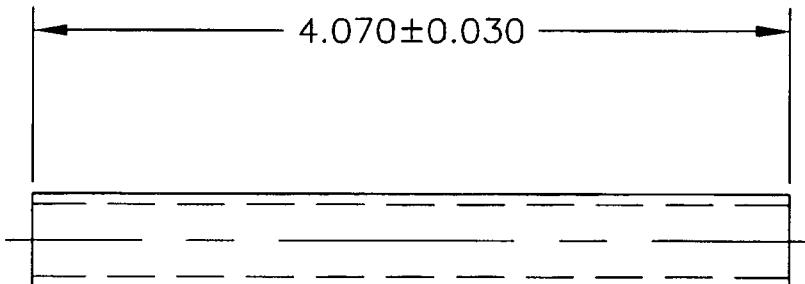
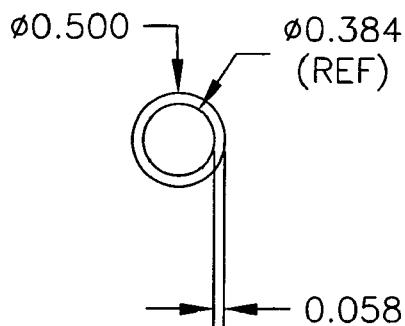
DART

51525

| | | | |
|----------|-------------------|---|--------------|
| DESIGN | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | APPROVED | DRAWING NO. | REV. E |
| | | D2579 | SHEET 1 OF 1 |
| DATE | TITLE | | SCALE |
| 07.04.17 | CROSS BOLT SPACER | | 1:1 |
| A | 96.09.16 | NEW ISSUE | |
| B | 96.12.05 | 0.065 WALL WAS 0.035 WALL | |
| C | 97.02.21 | 0.058 WALL WAS 0.065 WALL | |
| D | 99.05.19 | 4.070 LENGTH WAS 4.100 (TSR A1095) | |
| E | 07.04.17 | UPDATE NOTES | |

RELEASED

07.06.2017

**D2579 CROSS BOLT SPACER**

51525

D2579 CROSS BOLT SPACER

- 1) MATERIAL: 6061-T6 TUBING PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8
(REF DART SPEC M6061T6T0500W058)
- 2) FINISH: NONE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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